PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
AX02A03/P-WO	ACTION	as well as, where applicable, item 5 below.
International application No.	International filing date (day/month	/year) (Earliest) Priority Date (day/month/year)
PCT/EP2004/007529	08/07/2004	08/07/2003
Applicant		
AXIOGENESIS AG		
This International Search Report has bee according to Article 18. A copy is being tra		ching Authority and is transmitted to the applicant
This International Search Report consists	of a total of 9 she	ets.
· -	a copy of each prior art document cl	
Basis of the report a. With regard to the language, the language in which it was filed, unline in the language in which it was filed.	international search was carried out ess otherwise indicated under this ite	on the basis of the international application in the m.
	search was carried out on the basis	of a translation of the international application furnished to
b. X With regard to any nuclei	otide and/or amino acid sequence	disclosed in the international application, see Box No. I.
2. X Certain claims were fou	nd unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	
the text has been establis	hed by this Authority to read as follow	vs:
5. With regard to the abstract,		
X the text is approved as su	• • •	
		s Authority as It appears in Box No. IV. The applicant onal search report, submit comments to this Authority.
6. With regard to the drawings,		
a. the figure of the drawings to be p	ublished with the abstract is Figure N	0
as suggested by t		
as selected by this	s Authority, because the applicant fal	ed to suggest a figure.
as selected by this	Authority, because this figure better	characterizes the Invention.
b. X none of the figures is to be	e published with the abstract.	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2004/007529

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of Item 1.b of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ntion, the international search was carried out on the basis of:
	a.	type of material X a sequence listing table(s) related to the sequence listing
	b.	format of material X in written format X in computer readable form
	c.	time of filing/furnishing X contained in the international application as filed X filed together with the international application in computer readable form furnished subsequently to this Authority for the purpose of search
2.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addit	tional comments:
		·

C12Q1/68

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N5/06 C12N15/79 C12N15/82

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 2003/008836 A1 (GOLDSPINK GEOFFREY) 9 January 2003 (2003-01-09)	1,2,5-7, 10,13, 14,16, 17,20,
paragraph '0053! — paragraph '0057!	32-36,49 3,4,8,9, 11,12, 15,18, 19, 21-31, 37-48
table 1 	
	US 2003/008836 A1 (GOLDSPINK GEOFFREY) 9 January 2003 (2003-01-09) paragraph '0053! - paragraph '0057! table 1

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F	νŀ	Further documents are listed in the	continuation of hov C
	1 1	ruittei uocuments are nsteum me	CONTINUATION OF DUX C.

χ Patent family members are listed in annex.

* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filling date but later than the priority date claimed
- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- '&' document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

16/03/2005

15 February 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentiaan 2

NL - 2280 HV Rijswijk

Tet. (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

Authorized officer

Hermann, P

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		_
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Y	abstract page 2543, left-hand column, paragraph 2 - page 2544, left-hand column, last line page 2545, right-hand column, paragraph 3 - page 2547, left-hand column, last paragraph page 2541, left-hand column - right-hand column	1-48	
X	WOBUS A M ET AL: "RETINOIC ACID INDUCES EXPRESSION OF THE VENTRICULAR 2.1 KB MYOSIN-LIGHT-CHAIN-2 PROMOTER DURING IN VITRO CARDIOGENESIS OF EMBRYONIC STEM CELLS" CIRCULATION, AMERICAN HEART ASSOCIATION, DALLAS, TX, US, vol. 92, no. 8, SUPPL 1, 15 October 1995 (1995-10-15), page I114, XP002001047 ISSN: 0009-7322	49–54	2
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C.(Continua			_
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International application No. PCT/EP2004/007529

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 44 relates to a method of doing business (Rule 39.1 (iii) PCT) the search has been performed without taking into account the business-related part of the claim, i.e. step c).
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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